

Considerations for Optimizing Interim Ponds System

- Metals concentrations at A72 exceed the chronic cadmium water quality standard (WQS), acute and chronic zinc WQS, and acute aluminum WQS.
 - For all of these contaminants, the concentrations are not out of range of concentrations observed during non-flow from 2009-2014.
 - Assuming 10% of the current load could be reduced by improving the interim pond system, the same WQS would still be exceeded.
- Metal concentrations at Bakers Bridge exceeded the chronic WQS for cadmium. One of 4 pre-spill samples also exceeded the chronic WQS for cadmium. The elevated pre-spill cadmium concentration was greater than most of the detected concentrations since the spill.
 - Assuming 10% of the current load could be reduced by improving the interim pond system, the cadmium WQS would still be exceeded.
- Detection limits are greater than the WQS for arsenic and mercury so no conclusions can be drawn regarding those contaminants.